

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	143	(soil underground subterranean groundwater) same(compressed pressurized pressure) near1 (gas air) same (oxidizing oxidizer oxidant peroxide ozone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/06/23 08:19

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	212	(gas air ozone) same peroxide and (405/128\$.ccls. b09b\$.ipc.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:33
S2	127	compressed adj air near2 inject\$3 same soil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:33
S3	18	S2 and (405/128\$.ccls. b09b\$.ipc.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:34
S4	9	S2 and (405/129\$.ccls. b09b\$.ipc.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:34
S5	18	S3 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:35
S6	56	kreck\$.xp,xa. and 405/128\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:35
S7	3472	(contaminant contaminated polluted pollutant) same (soil earth ground) and ("405"/\$ "210"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/01 10:50
S8	4622	(contaminant contaminated polluted pollutant) same (soil earth ground) and ("405"/\$ "210"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:05
S9	32066	(air gaseous) same (injected injecting injection) same (force move flush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:59

## EAST Search History

S10	597	(contaminant contaminated polluted pollutant) same S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:51
S11	66	S7 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:57
S12	17	b09b\$.ipc. and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:05
S13	1802	(air gaseous) same (injecting injection) same (peroxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:59
S14	14	b09b\$.ipc. and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 10:59
S15	6	("5501973").URPN.	USPAT	OR	OFF	2005/12/01 11:04
S16	36510	(injecting injection injected) near2 (gaseous gas air) same (liquid water solution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:05
S17	169440	(injecting injection injected) near2 (liquid water solution)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:05
S18	14665	S16 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:05
S19	77	b09b\$.ipc. and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:06
S20	530	(contaminant contaminated polluted pollutant) same (soil earth ground) and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/01 11:06

## EAST Search History

S21	1	("5525008").PN.	US-PGPUB; USPAT	OR	OFF	2005/12/12 06:29
S22	46	peroxide same ozone same compressed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 06:32
S23	7	(groundwater soil) same remediation and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:04
S24	25508	oxygen same ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 06:32
S25	125	(groundwater soil) same remediation and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 06:32
S26	94	peroxide and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 06:32
S27	5905	mixture same ozone same oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/12 06:38
S28	1183	mixture near2 ozone near1 oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/12 06:38
S29	1353	mixture near2 ozone near1 oxygen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 06:39
S30	2	S29 and 405/128\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:04

## EAST Search History

S31	1118	peroxide same ozone.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:04
S32	26	(groundwater soil) same remediation and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 07:04
S33	0	("7073596").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/11 12:15
S34	1	("7073000").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/11 12:15
S35	1	("7073500").PN.	US-PGPUB; USPAT	OR	OFF	2006/07/11 12:15
S36	1	("7073600").PN.	US-PGPUB; USPAT	OR	OFF	2006/08/29 08:56
S37	61	(oxidant oxidizer oxidizing) near1 (second different another) same (injected injection injector) near2 (second different spaced )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/05 07:46
S38	2	("20050067356").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/27 08:07
S39	25	(US-20040047690-\$).did. or (US-6827861-\$ or US-6457905-\$ or US-6352387-\$ or US-6312605-\$ or US-6387278-\$ or US-6210955-\$ or US-5868523-\$ or US-5954452-\$ or US-5615974-\$ or US-6547489-\$ or US-5449249-\$ or US-5803664-\$ or US-5054961-\$ or US-5398757-\$ or US-5221159-\$ or US-5482402-\$ or US-5384048-\$ or US-5525008-\$ or US-5389267-\$ or US-5511907-\$ or US-5037240-\$ or US-5501973-\$). did. or (US-3846290-\$).did. or (JP-06315674-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/09/27 08:09
S40	1494	(different second) adj (oxidant oxidizing)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/09/27 08:09
S41	0	S39 and S40	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2006/09/27 08:10

## EAST Search History

S42	2	("20050067356").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/27 08:48
S43	2	("5268141").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/27 08:51
S44	2	("5628141").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/27 08:51
S45	5	vigneri\$.in. and peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 08:51
S46	30	("5286141").URPN.	USPAT	OR	ON	2007/02/27 08:53
S47	2441	sodium adj hypochlorite same peroxide	USPAT	OR	ON	2007/02/27 08:54
S48	2104	sodium adj hypochlorite with peroxide	USPAT	OR	ON	2007/02/27 08:55
S49	3	405/128\$.ccls. and S48	USPAT	OR	ON	2007/02/27 08:54
S50	8	sodium adj hypochlorite same peroxide same fenton\$1	USPAT	OR	ON	2007/02/27 08:57
S51	14	oxidant same iron and 405/128\$.ccls.	USPAT	OR	ON	2007/02/27 08:58
S52	4	hypochlorite same inject\$3 and 405/128\$.ccls.	USPAT	OR	ON	2007/02/27 08:58
S53	2	hypochlorite with (oxidizing oxidizer oxidant) and (oxidizing oxidizer oxidant) with inject\$3 and 405/128\$.ccls.	USPAT	OR	ON	2007/02/27 08:59
S54	51	(oxidizing oxidizer oxidant) with inject\$3 and 405/128\$.ccls.	USPAT	OR	ON	2007/02/27 09:27
S55	11	compressed near1 (air gas) and S54	USPAT	OR	ON	2007/02/27 09:27
S56	13	(permanganate) same inject\$3 and 405/128\$.ccls.	USPAT	OR	ON	2007/02/27 09:14
S57	2	(permanganate) same compressed near1 (air gas)and 405/128\$.ccls.	USPAT	OR	ON	2007/02/27 09:14
S58	8	("6457905").URPN.	USPAT	OR	ON	2007/02/27 09:27
S59	454531	sequential sequentially	USPAT	OR	ON	2007/02/27 09:27

## EAST Search History

S60	1350	compressed near1 (air gas) same S59	USPAT	OR	ON	2007/02/27 09:27
S61	7277	(oxidizing oxidizer oxidant reagent) same S59	USPAT	OR	ON	2007/02/27 09:27
S62	26	S60 and S61	USPAT	OR	ON	2007/02/27 09:28
S63	2	("20060186060").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/27 09:33
S64	2	("20040165956").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/31 12:36
S65	2	("20060186060").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/31 12:36
S66	2	("20040165956").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/06 11:31
S67	2	("20040165956").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/11 07:17
S68	17	(oxidant oxidizing oxidizer) with (compressed pressure pressurized) near2 (air gas) with (underground groundwater subsurface suterranean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/11 07:28
S69	2	("20040165956").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/06/18 06:29